Index of Claims

| App | licatio | n/Con | trol No |  |
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|-----|---------|-------|---------|--|

10/711,540

Examiner

Tram H. Nguyen

Applicant(s)/Patent under Reexamination

HO ET AL. Art Unit

2818

| <b>→</b> | Rejected |  |
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| =        | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
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Restricted

| N | Non-Elected  |
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| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla          | aim              | _            |                |                  |          | Date         |  |                |          | $\neg$   | CI   | Claim Date |          |                 |   |   |              |          | ſ        | CI       | aim | Date        |          |                |               |          |          |          |          |          |          |          |
|--------------|------------------|--------------|----------------|------------------|----------|--------------|--|----------------|----------|----------|--|------------|----------|-----------------|---|---|--------------|----------|----------|----------|-----|-------------|----------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|
| <u> ۱</u>    |                  |              |                |                  | ាំ       |              | $\bar{\Box}$                                     | Γ.             | П        | $\dashv$ |  |            |          |                 | Т   | Ť   | 1            |          | Т        | $\dashv$ | - 1 | l ci        |          |                |               |          | —-       | 1        |          | П        | $\neg$   | ᅱ        |
| Final        | Original         | 2/13/06      | 6/15/06        |                  |          |              |  |                |          |          | Final  | Original   | l        |                 |   |   |              |          |          |          |     | Final       | Original |                |               |          |          |          |          |          |          |          |
|              |                  |              |                |                  |          |              |  |                |          | _        |  |            |          |                 | 4   | 4   | 4            | 4-       |          | Ш        |     |             |          |                |               |          | _        | _        |          | _        | _        | _        |
| <u> </u>     | 1                | N            | N              | _                |          | _            | <u> </u>   | _              | -        |          | <u> </u>   | 51         | -        |                 | +   | +   | +            | +        | ┼        | $\vdash$ |     |             | 101      | -              |               |          | -        |          |          |          | $\dashv$ | $\dashv$ |
|              | 2                | N            | N              |                  |          |              |  | _              | H        | _        | <u> </u>   | 52         | -        |                 | +   | 4   | -            |          | ↓        | 11       | ļ   |             | 102      |                |               |          |          | _        |          | -        | 4        | 4        |
|              | 3                | N            | N              |                  |          | Щ            |  | Ш              |          |          |  | 53         | $\vdash$ |                 |   | - -   | - -          | -        | ┺        | $\vdash$ |     |             | 103      | _              | $\sqcup$      | _        |          | _        |          | $\dashv$ | 4        | ᅴ        |
|              | 4                | N            | N              |                  |          |              | L  | Ш              | Ш        | _        |  | 54         | $\vdash$ | $\vdash$        |   | _   | 4            | $\bot$   | ╙        | Ш        |     |             | 104      |                |               |          |          | _        |          |          | _        | _        |
|              | 5                | N            | N              |                  |          | Ш            | lacksquare                                       | Ш              | Ш        | _        |  | 55         |          | $\perp$         | _   | _   | 4            | $\bot$   | L        | Ш        |     |             | 105      |                |               |          |          | _        | _        | _        | _        | _        |
|              | 6                | N            | N              | Ш                |          |              |  | Ш              | Ш        | _        |  | 56         |          |                 |   | ┵   | 4            | ┷        | ┖        | Ш        |     |             | 106      |                |               |          |          |          | Ц        | _        | _        |          |
|              | 7                | N            | N              | Ш                |          | Ш            | L  |                |          |          |  | 57         | <u> </u> |                 | $oldsymbol{\perp}$  |   |              |          | L        | Ш        |     |             | 107      |                |               |          |          |          |          | _        | _        |          |
|              | 8                | N            | N              |                  |          |              | 匚  |                |          |          |  | 58         |          | $\Box$          |   | $\perp$   | $\perp$      |          | 丄        | $\perp$  | ļ   |             | 108      |                |               |          |          |          |          |          |          |          |
|              | 9                | N            | N              |                  |          |              | L  |                | Ш        | _        |  | 59         |          |                 |   | $\perp$   | $\perp$      | $\perp$  |          | Ш        | ļ   |             | 109      |                | Ш             |          |          | _        |          | _        | _        |          |
|              | 10               | N            | N              |                  |          |              |  |                |          | $\Box$   | <u> </u>   | 60         |          |                 |   |   | $\perp$      |          | L        | Ш        |     |             | 110      |                |               |          |          |          |          | $\perp$  | $\perp$  |          |
|              | 11               | N            | N              |                  |          |              |  |                |          |          |  | 61         |          |                 |   |   |              |          |          | $\perp$  |     |             | 111      |                |               |          |          |          |          |          |          |          |
|              | 12               | N            | 2              |                  |          |              |  |                |          |          |  | 62         |          |                 | $oxed{oxed}}}}}}}}}}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}} $ |              |          | Ĺ        |          | [   |             | 112      |                |               |          |          |          |          |          |          |          |
|              | 13               | N            | z              |                  |          |              |  |                |          |          |  | 63         |          |                 |   |   |              |          |          | Ш        | [   |             | 113      |                |               |          |          |          |          |          |          |          |
|              | 14               | N            | z              |                  |          |              | L  |                |          |          |  | 64         |          |                 |   |   | $oxed{oxed}$ |          | L        | Ш        | [   |             | 114      |                |               |          |          |          |          |          |          |          |
|              | 15               | z            | z              |                  |          |              |  |                |          |          |  | 65         |          |                 |   |   |              |          |          |          |     |             | 115      |                |               |          |          |          |          |          |          |          |
|              | 16               | Z            | z              |                  |          |              |  |                |          |          |  | 66         |          |                 |   |   |              | $\prod$  |          |          |     |             | 116      |                |               |          |          |          |          |          |          |          |
|              | 17               | N            | Ν              |                  |          |              |  |                | П        |          |  | 67         |          |                 |   |   |              |          | Π        | П        |     |             | 117      |                | П             |          |          |          |          |          |          |          |
|              | 18               | N            | N              |                  |          |              |  |                | П        |          |  | 68         |          |                 |   |   |              | 1        |          | П        | - 1 |             | 118      |                |               |          |          |          |          |          |          |          |
|              | 19               | N            | N              |                  |          |              |  |                |          |          |  | 69         |          |                 |   | T   | $\top$       | 1        |          | П        | - 1 |             | 119      | Г              |               |          |          |          |          |          |          |          |
|              | 20               | N            | N              |                  |          |              |  |                |          |          |  | 70         |          |                 |   |   | _            |          |          | $\vdash$ | - 1 |             | 120      |                |               |          | -        |          |          |          |          |          |
|              | 21               | N            | N              |                  |          |              |  |                | М        |          |  | 71         |          |                 |   | 7   | ┪            | 1        | 1        |          | - 1 |             | 121      |                |               |          |          |          |          | - 1      | 1        |          |
|              | 22               | N            | N              |                  |          |              |  | _              |          |          |  | 72         | $\vdash$ |                 |   | ╗   | 十            | $\top$   | <u> </u> | H        |     |             | 122      |                |               |          |          |          |          |          |          |          |
|              | 23               | N            | N              |                  |          |              |  |                | П        |          |  | 73         | t        |                 |   | 1   | ╅            | +        | T        | H        |     |             | 123      | Н              |               | П        |          |          |          |          |          |          |
|              | 24               | N            | N              |                  |          |              | Н  | H              | H        |          |  | 74         | 1        |                 | _   | $^{\dagger}$  | ╅            | +        | ┢        | Ħ        |     |             | 124      | H              | H             |          |          |          |          |          |          |          |
|              | 25               | 7            | 7              | $\vdash$         |          |              | H  | t              | Н        | -        |  | 75         | +        | H               | $\dashv$  | +   | +            | +        | ╁        | H        |     |             | 125      | $\vdash$       | H             | $\neg$   |          |          |          |          |          |          |
|              | <del>-26</del> - | 7            |                | $\vdash$         |          | $\vdash$     | $\vdash$   | _              | Н        |          |  | 76         | +        | $\vdash$        | +   |   | +            |          | ╁        | ╁╌┤      |     |             | 126      | ┢─             | Н             |          |          | -        |          |          |          |          |
| $\vdash$     | 27               | À.           |                |                  | -        | -            | $\vdash$   | ┢              | Н        |          |  | 77         | +-       | -               | -   |   | ╅            | +        | 十        | $\vdash$ |     |             | 127      | <del> </del> - | $\vdash$      | $\neg$   | _        |          |          |          | _        |          |
|              | 28               | Ì            | V              |                  | -        | -            |  | -              |          | -        |  | 78         | +        |                 | 十   |   | ╁            | +        | +        | +-       |     |             | 128      | $\vdash$       |               |          | -        |          | -        |          |          | _        |
| -            | 29               | Ì            | Ì              | -                | _        |              | $\vdash$   | $\vdash$       | Н        | -        |  | 79         | +        |                 | $^+$  | +   | +            | +        | +        | $\vdash$ | ı   |             | 129      | $\vdash$       | H             |          |          |          | Н        | ᅱ        | $\dashv$ |          |
|              | 30               | 1            | V              | -                | _        | $\vdash$     | ┢  |                | Н        | -        |  | 80         | +        | $\vdash$        | +   | ┰   | +            | +        | ╁        | $\vdash$ |     |             | 130      | $\vdash$       | Н             | -        |          |          | Н        | $\dashv$ | -        |          |
|              | 31               | Ť            | 1              | $\vdash$         | -        | -            | -  |                | Н        |          |  | 81         | -        |                 | +   |   |              | +        | 1        | ╁─┤      |     |             | 131      | ├              | H             |          | -        |          |          |          | $\dashv$ |          |
|              | 32               | Ť            | j              | -                | -        | _            | -  | $\vdash$       | Н        | $\dashv$ | -  | 82         | $\vdash$ | $\vdash$        | +   | +   | +            | +        | ╁        | +        |     |             | 132      | $\vdash$       | Н             | -        |          | -        | Н        | -        | ┪        |          |
|              | 33               | 7            | V              |                  |          | -            | ┢  | -              | $\vdash$ | $\dashv$ | _  | 83         | -        | -               |   |   | ╁            | $\dashv$ | ╁        | ╁╌┤      |     |             | 133      | ├              | $\vdash$      |          |          |          |          |          |          | -        |
| <u> </u>     | 34               | 7            | 1              | $\vdash$         |          | H            | $\vdash$   | -              | $\vdash$ | $\dashv$ | <del>                                     </del> | 84         | +        | $\vdash$        | +   | +   | $\dashv$     | +-       | +-       | +-       | - 1 |             | 134      | <del> </del>   | $\vdash$      |          | -        | $\vdash$ | Н        | $\dashv$ | $\dashv$ |          |
| <u> </u>     | 35               | ۲            | <del>'</del>   | -                | -        | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$ | $\dashv$ | -  | 85         | +        | $\vdash$        | +   | +   | +            | ┰        | ┿        | $\vdash$ |     |             | 135      | $\vdash$       | Н             | $\vdash$ |          |          | H        |          | -        |          |
| $\vdash$     | 36               | $\vdash$     | $\vdash$       |                  | -        | <del> </del> | $\vdash$   | $\vdash$       | $\vdash$ | $\dashv$ |  | 86         | +        | $\vdash$        | $\dashv$  | +   |              | +        | +        | $\vdash$ |     |             | 136      | <del> </del>   |               | $\vdash$ |          | -        | $\vdash$ | $\dashv$ | $\dashv$ |          |
| $\vdash$     | 37               | $\vdash$     | -              | -                | -        | $\vdash$     | ┢  | H              | $\vdash$ | $\dashv$ |  | 87         | +        | $\vdash$        | +   | -   |              | +        | +        | $\vdash$ |     | -           | 137      | <del> </del>   | Н             | $\vdash$ | -        |          | -        | $\dashv$ | $\dashv$ | _        |
| <del> </del> | 38               | <del> </del> | $\vdash$       | $\vdash$         |          | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$ | $\dashv$ | <u> </u>   | 88         | +        | $\vdash$        | +   | +   | +            | +-       | ┼        | +        |     |             | 138      |                | $\vdash$      | Н        |          |          | -        | $\dashv$ | $\dashv$ |          |
|              | 39               | -            | ├—             | $\vdash$         | $\vdash$ | $\vdash$     | $\vdash$   | ┢              | $\vdash$ | $\dashv$ | -  | _          | $\vdash$ | H               | +   | +   | +            | +        | ╁-       | +        |     |             |          |                | $\vdash$      |          | <u> </u> |          | H        | $\dashv$ |          |          |
| <u> </u>     | 40               | ├—           | -              | $\vdash$         |          | $\vdash$     | -  | ⊢              | Н        | Н        | -  | 89         | $\vdash$ | $\vdash$        | +   | +   | +            | +        | +-       | +-       |     | <b> </b>    | 139      |                | $\vdash$      | Н        | H        |          | Н        | $\dashv$ | -        |          |
| -            |                  | $\vdash$     | $\vdash$       | $\vdash$         | $\vdash$ | <u> </u>     | <del>                                     </del> | <del> </del> — |          | $\dashv$ | -  | 90         | ╀        | $\vdash$        | +   | -   | +            | +-       | +-       | +        |     | <del></del> | 140      | <u> </u>       | ┝╌┤           | $\vdash$ |          | <u> </u> | $\vdash$ | $\dashv$ |          |          |
| <del></del>  | 41               | ├—           | ├-             | $\vdash$         | Ь        | $\vdash$     | <u> </u>   | <u> </u>       | Н        | Н        | $\vdash$   | 91         | +        |                 | +   |   |              | +        | ╀        | +        |     | ļ           | 141      | ├              |               | $\vdash$ |          | Щ        | $\vdash$ | _        |          |          |
| <u> </u>     | 42               | <del> </del> | <del> </del>   | $\vdash$         | $\vdash$ | $\vdash$     | _  | ⊢-             | Н        | Щ        | <u> </u>   | 92         |          | $\vdash \vdash$ |   | -   | -            | -        | +-       | +        |     | L           | 142      | <u> </u>       | <del>  </del> | <u> </u> |          | $\vdash$ | <u> </u> |          |          |          |
| <b>_</b>     | 43               | <u> </u>     | ├—             | <del>  -  </del> | <b> </b> | <u> </u>     | ₩  | -              | $\vdash$ | $\dashv$ |  | 93         | $\vdash$ | $\vdash \vdash$ | +   | +   | +            | +        | ┼        | +        |     |             | 143      | <del>  _</del> | $\vdash$      |          | $\vdash$ |          | $\vdash$ |          | _        |          |
|              | 44               | <u> </u>     | <u> </u>       | $\vdash$         | <u> </u> | <b> </b>     | <b>-</b>   | <b> </b>       | Щ        | $\dashv$ | <u> </u>   | 94         | 1        | $\vdash$        | +   | -   | 4            | -        | 1        | $\Box$   |     |             | 144      | <u> </u>       | Ш             |          |          |          | _        | _        |          |          |
| <u> </u>     | 45               | <u> </u>     | <u> </u>       | <b> </b>         | <u> </u> | <u> </u>     | <b>—</b>   | <u> </u>       | Ш        |          |  | 95         | ـــ      | $\vdash \vdash$ | $\perp$   | +   | +            | +        | ـ        | +        | 1   |             | 145      | <del> </del>   | Ш             | <u> </u> | L        | <u> </u> |          | $\sqcup$ | _        |          |
| <u> </u>     | 46               | <u> </u>     | <b> </b>       | $\vdash$         | _        | <u> </u>     | <b> </b>   | <u> </u>       | Щ        | $\sqcup$ | ļ  | 96         | 1        | $\sqcup$        | - -   | -   | -            | $\perp$  | 1        | $\perp$  |     | ļ           | 146      | _              | Ш             |          |          |          | <u> </u> |          |          |          |
|              | 47               | <u> </u>     | <del> </del> _ | <u> </u>         |          | <u> </u>     | <u> </u>   | L              | Щ        | Ш        |  | 97         | $\vdash$ | $\sqcup$        | $\perp$   | 4   | 4            | 4        | 1        | Ш        |     | <u> </u>    | 147      | <u> </u>       | Щ             |          |          | ļ        | _        |          | _        |          |
| <u> </u>     | 48               | <u> </u>     | <u> </u>       | <u> </u>         | Ш        | <u> </u>     | L  | <b> </b> _     | Щ        | Ц        |  | 98         | ↓_       | $\sqcup$        | 4   | _   | _            | $\bot$   | 1_       | $\sqcup$ |     |             | 148      | <u> </u>       | Ш             |          |          |          | <u> </u> | Щ        | _        |          |
| <b>├</b>     | 49               | <u> </u>     | _              |                  |          | <u> </u>     | <u> </u>   | <b> </b>       | Щ        | Щ        | ļ  | 99         | $\vdash$ | Ш               | _   | _   | 4            | 4        | ┞.       | $\perp$  |     | L           | 149      | L_             | Ш             |          | L        |          |          |          |          |          |
| L            | 50               | L_           |                |                  |          | <u> </u>     | $oxedsymbol{oxed}$                               | L              |          |          | L  | 100        | Ш.       | L               | - {   |   |              | L        |          |          |     | L           | 150      |                | ı l           |          |          |          | l        |          |          |          |